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MONTHLY REPORT



PAR 224

1 May 64

SUBJECT: 3-15X Fluid Gate Enlarger

TASK/PROBLEM

1. Develop and fabricate an enlarger having continuously variable magnification from 3X to 15X for a 70mm square negative gate size. Print sizes to range up to 40 x 40 inches on cut sheet stock.

DISCUSSION

2. Mechanical design studies of the film transport system are continuing. These studies include possible film loop indicators for along-frame coordinates and frame number both driven from metering rolls.
3. A design group is being organized to perform this study task together with that of PAR 202 and also PAR 204 and 205 if they are approved.
4. The optical design specifications were not completed as expected.

PLANNED ACTIVITY

5. Completion of the optical design specification as early as possible.
6. Mechanical design study will continue and will be expanded to other subassembly units.

Declass Review by NGA.

GROUP-1
Excluded from automatic downgrading
and declassification

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